CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

<u>**ASSISTANT ENGINEER - TRAFFIC**</u>

<u>**DEFINITION**</u>**:**

Under general supervision, to perform journey-level professional traffic engineering and transportation planning work in developing plans for facilitating traffic movements, accident prevention, and street lighting facilities; and to perform related work.

* <u>**EXAMPLES OF DUTIES**</u>**:**

- Prepares journey level analyses of, and drafts reports on, varied transportation projects;
- Performs traffic accident analyses, field surveys, and studies of existing statistical data;
- Reviews proposed subdivision maps;
- Makes studies of street and intersection capacity and recommends necessary street changes for improved traffic movement;
- Plans location, reviews calculations, and leads the work of personnel conducting traffic surveys;
- Plans traffic signal, traffic sign, street light, and other control device locations;
- Develops plans, estimates, and special provisions for electrical contract work involving traffic signal and safety lighting systems;
- Prepares complicated traffic signal timing schedules and diagrams and evaluates results obtained following installation of timing schedules;
- Coordinates construction activities with other agencies and citizen groups.

<u>**MINIMUM QUALIFICATIONS**</u>**:**

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

College graduation with a Bachelor's degree in Traffic, Civil or Electrical Engineering or a closely related field, <u>**OR**</u> certification as an Engineer-in-Training, <u>**OR**</u> registration as a professional Traffic, Civil or Electrical Engineer with a State Licensing Board; <u>**AND**</u> two years of professional traffic engineering or transportation planning experience.

* **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.